

Observaciones con el Telescopio COLIBRÍ, equipado con el instrumento DDRAGO

The DDRAGO instrument is currently operating as a single-channel imager with a field of 26 arcmin, pixels of 0.38 arcsec, and *g*, *r*, *i*, *gri*, and *B* filters.

The transients team currently observes by taking 60 seconds exposures and dithering randomly in a circle of diameter 1 arcmin. This seems to give a good balance between efficiency, reaching the sky limit, being able to form a sky image, and not losing too much image quality to telescope tracking errors. Other strategies are possible, and one of the aims of this shared-risk time is to allow observers to determine the best strategies for their science and to communicate their requirements and experience to us.

We aim to keep individual observing blocks to about 30 minutes of real time (i.e., 24 x 60 second exposures plus overheads). If more data is required, we recommend repeating blocks.

A simple exposure time estimator is here:

<https://bit.ly/3HPLyGz>

A preliminary observing manual is here:

<https://bit.ly/4hYQ6Ko>

This manual will be updated as the instrument is commissioned.